



## SINGAPOREAN NOTICES TO MARINERS

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The monthly Notices to Mariners contain information required to keep charts and publications published by the Hydrographic Department, Maritime and Port Authority of Singapore up-to-date.

Mariners are requested to notify the Chief Hydrographer, Maritime and Port Authority of Singapore, immediately of the discovery of new or suspected dangers to navigation, observed changes to aids to navigation and ways Singaporean Charts and Publications can be improved. The Hydrographic Note on the back page should be used for this purpose.

Detailed information of charts and publications (coverage of charts, latest editions and distributors) are available on the Maritime and Port Authority Website: [www.mpa.gov.sg](http://www.mpa.gov.sg)

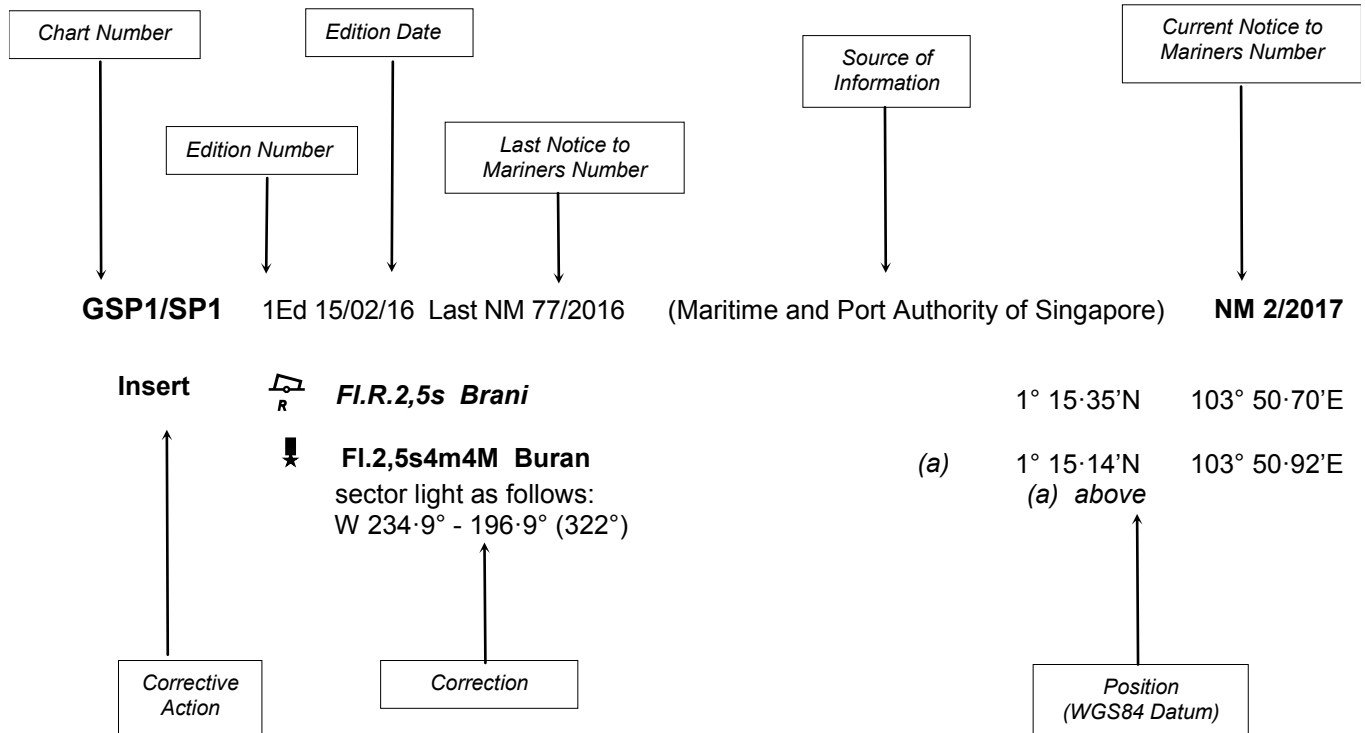
- [Singaporean Notice to Mariners](#)
- [Singaporean Charts](#)
- [Dual-Badged Charts](#)
- [Singapore ENC](#)
- [Malacca and Singapore Straits ENC](#)
- [Singapore Port Information](#)
- [Singapore Tide Tables](#)

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## EXPLANATION OF FORMAT

The elements of a typical chart correction are explained below.



### Notes:

- Notice to Mariners number followed by:  
**T** indicates a Temporary Notice (eg. **NM 3T/2017**).  
**P** indicates a Preliminary Notice (eg. **NM 4P/2017**).
- Bearings are true reckoned clockwise from 000° to 359°; those relating to lights are from seaward.
- Heights and elevations are above Mean High Water Springs.

I  
**AFFECTED CHARTS AND PUBLICATIONS**

**INDEX OF AFFECTED CHARTS**

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Singaporean Chart GSP1/SP1	*43, *44, 45, *46, *47	10
Singaporean Chart 200	48	10
Singaporean Chart 500	*44, *49	10
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Temporary and Preliminary Notices	*50T, 51T, 52P, 53P, 54P	12 to 16
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Extract of Admiralty Notices to Mariners for Dual-Badged Charts	-	23 to 25

\*Source: Maritime and Port Authority of Singapore

I  
**AFFECTED CHARTS AND PUBLICATIONS**

**INDEX OF NOTICES**

<b>NOTICE NO.</b>	<b>DESCRIPTION</b>	<b>PAGE NO.</b>
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*50T, 51T, 52P, 53P, 54P	Temporary and Preliminary Notices	12 to 16
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\*Source: Maritime and Port Authority of Singapore

## II NEW CHARTS AND PUBLICATIONS

### NEW EDITION DUAL BADGED CHARTS PUBLISHED ON 4<sup>TH</sup> MAY 2017

<b>Chart Number</b>	:	4039
<b>Title</b>	:	Indonesia, Singapore and Malaysia Western Approaches to Main Strait
<b>Coverage</b>	:	Lat 01° 01·50' N      01° 13·70' N Long 103° 31·20' E      103° 49·00' E
<b>Scale</b>	:	1 : 30 000
<b>Date Published</b>	:	4 <sup>th</sup> May 2017
<b>Size of Chart</b>	:	1100.7 x 749.5 mm
<b>Description</b>	:	This new edition includes updates covering west of Tuas View Extension, Temasek Fairway, Sinki Fairway, Sudong Anchorages and Raffles Anchorages, Jong Fairway, Shell SBM area, Main Strait and Buffalo Rock.

The existing chart of the same number published on 24<sup>th</sup> April 2014 has been superseded.

<b>Chart Number</b>	:	4040
<b>Title</b>	:	Singapore, Indonesia and Malaysia Tuas View to Pulau Sakijang Bendera (S. John's Island)
<b>Coverage</b>	:	Lat 01° 07·40' N      01° 19·60' N Long 103° 34·10' E      103° 51·90' E
<b>Scale</b>	:	1 : 30 000
<b>Date Published</b>	:	4 <sup>th</sup> May 2017
<b>Size of Chart</b>	:	1100.6 x 749.5 mm
<b>Description</b>	:	This new edition includes updates covering west of Tuas Reclamation, Temasek Fairway, West Jurong Channel, Sudong Anchorages, Sinki Fairway, Raffles Anchorages, East Jurong Channel, Pasir Panjang Terminal, West Keppel Fairway, Western Anchorages, Jong Fairway, Shell SBM area, Southern Fairway, Buran Channel, East Keppel Fairway, south of Pulau Sebarok and Buffalo Rock.

The existing chart of the same number published on 27<sup>th</sup> August 2015 has been superseded.

## II NEW CHARTS AND PUBLICATIONS

### NEW EDITION DUAL BADGED CHARTS PUBLISHED ON 4<sup>TH</sup> MAY 2017

<b>Chart Number</b>	:	4041
<b>Title</b>	:	Singapore and Indonesia Pulau Sebarok to Changi
<b>Coverage</b>	:	Lat 01° 07' 40' N      01° 19' 60' N Long 103° 46' 90' E      104° 04' 70' E
<b>Scale</b>	:	1 : 30 000
<b>Date Published</b>	:	4 <sup>th</sup> May 2017
<b>Size of Chart</b>	:	1100.6 x 749.5 mm
<b>Description</b>	:	This new edition includes updates covering Pasir Panjang Terminal, West Keppel Fairway, Western Anchorages, Jong Fairway, Southern Fairway, Shell SBM, Buran Channel, East Keppel Fairway, Eastern Anchorages, Eastern Corridor, Eastern Fairway, Main Strait, Buffalo Rock, Batu Berhanti, south and east of Johor Shoal.

The existing chart of the same number published on 27<sup>th</sup> August 2015 has been superseded.

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## II NEW CHARTS AND PUBLICATIONS

### NEW EDITION DUAL BADGED CHARTS TO BE PUBLISHED ON 15<sup>TH</sup> JUNE 2017

<b>Chart Number</b>	:	4042
<b>Title</b>	:	Indonesia, Singapore and Malaysia Changi to Pulau Mungging and Tanjung Buntan to Tanjung Tondang
<b>Coverage</b>	:	Lat 01° 09·55' N      01° 21·75' N Long 104° 01·70' E      104° 19·50' E
<b>Scale</b>	:	1 : 30 000
<b>Date Published</b>	:	15 <sup>th</sup> June 2017
<b>Size of Chart</b>	:	1100.6 x 749.5 mm
<b>Description</b>	:	This new edition includes updated surveys covering Eastern Bunkering A Anchorage, Changi General Purposes Anchorage and south of Pulau Tekong.  The existing chart of the same number published on 24 <sup>th</sup> April 2014 will be superseded.

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<b>Chart Number</b>	:	4043
<b>Title</b>	:	Malaysia and Singapore Kuala Johor and Sungai Johor
<b>Coverage</b>	:	Lat 01° 16·10' N      01° 34·00' N Long 103° 57·90' E      104° 10·00' E
<b>Scale</b>	:	1 : 30 000
<b>Date Published</b>	:	15 <sup>th</sup> June 2017
<b>Size of Chart</b>	:	748.1 x 1099.6 mm
<b>Description</b>	:	This new edition includes updated surveys covering North of Pulau Ubin, around Pulau Tekong, Changi General Purposes Anchorage and Eastern Anchorages.  The existing chart of the same number published on 16 <sup>th</sup> June 2016 will be superseded.

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## II NEW CHARTS AND PUBLICATIONS

### NEW EDITION DUAL BADGED CHARTS TO BE PUBLISHED ON 15<sup>TH</sup> JUNE 2017

<b>Chart Number</b>	:	4044
<b>Title</b>	:	Singapore and Malaysia Johor Strait - Eastern Part
<b>Coverage</b>	:	Lat 01° 19·00' N      01° 11·20' N Long 103° 45·60' E      104° 03·40' E
<b>Scale</b>	:	1 : 30 000
<b>Date Published</b>	:	15 <sup>th</sup> June 2017
<b>Size of Chart</b>	:	1100.5 x 749.5 mm
<b>Description</b>	:	This new edition includes updated surveys covering Denman Shoal, north of Pulau Punggol Barat, north and south-west of Pulau Ubin, area around Pulau Tekong and Kuala Johor.

The existing chart of the same number published on 15<sup>th</sup> June 2016 will be superseded.

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## II NEW CHARTS AND PUBLICATIONS

### NEW EDITION SINGAPORE ENC RELEASED ON 4<sup>TH</sup> MAY 2017

<b>ENC Name</b>	:	SG5C4038
<b>Title</b>	:	Johor Strait - Western Part
<b>Coverage</b>	:	Lat 01° 13·700' N      01° 31·200' N Long 103° 34·100' E      103° 46·300' E
<b>Compilation Scale</b>	:	1 : 22 000
<b>Date Released</b>	:	4 <sup>th</sup> May 2017
<b>Description</b>	:	This new edition includes updates covering west of Tuas View and Tuas Megayard.  The existing cell of the same name released on 25 <sup>th</sup> February 2016 has been superseded.

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<b>ENC Name</b>	:	SG5C4039
<b>Title</b>	:	Western Approaches to Main Strait
<b>Coverage</b>	:	Lat 01° 01·500' N      01° 13·700' N Long 103° 31·200' E      103° 49·000' E
<b>Compilation Scale</b>	:	1 : 22 000
<b>Date Released</b>	:	4 <sup>th</sup> May 2017
<b>Description</b>	:	This new edition includes updates covering Sudong Bunkering B Anchorage, Nipa Island and Karang Banteng.  The existing cell of the same name released on 27 <sup>th</sup> August 2015 has been superseded.

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<b>ENC Name</b>	:	SG5C4041
<b>Title</b>	:	Pulau Sebarok to Changi
<b>Coverage</b>	:	Lat 01° 07·400' N      01° 19·600' N Long 103° 45·600' E      104° 04·700' E
<b>Compilation Scale</b>	:	1 : 22 000
<b>Date Released</b>	:	4 <sup>th</sup> May 2017
<b>Description</b>	:	This new edition includes updates covering Southern Fairway, Eastern Anchorages, Eastern Fairway, Main Strait, Buffalo Rock and Batu Berhanti.  The existing cell of the same name released on 27 <sup>th</sup> August 2015 has been superseded.

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## II NEW CHARTS AND PUBLICATIONS

### NEW EDITION SINGAPORE ENC TO BE RELEASED ON 15<sup>TH</sup> JUNE 2017

**ENC Name** : SG5C4043  
**Title** : Kuala Johor  
**Coverage** : Lat 01° 16' 10' N 01° 27' 50' N  
 Long 103° 59' 80' E 104° 10' 00' E  
**Compilation Scale** : 1 : 22 000  
**Date Released** : 15<sup>th</sup> June 2017  
**Description** : This new edition includes updates covering around Pulau Tekong and Eastern Anchorage.

The existing cell of the same name released on 16<sup>th</sup> June 2016 will be superseded.

**ENC Name** : SG5C4044  
**Title** : Johor Strait - Eastern Part  
**Coverage** : Lat 01° 19' 60' N 01° 31' 20' N  
 Long 103° 45' 60' E 103° 59' 80' E  
**Compilation Scale** : 1 : 22 000  
**Date Released** : 15<sup>th</sup> June 2017  
**Description** : This new edition includes updates covering north of Pulau Ponggol Barat, west of Pulau Ubin and area near Denman Shoal.

The existing cell of the same name released on 16<sup>th</sup> June 2016 will be superseded.

**ENC Name** : SG54044B  
**Title** : Pelabuhan Johor (Johor Port)  
**Coverage** : Lat 01° 25' 20' N 01° 27' 86' N  
 Long 103° 51' 60' E 103° 55' 70' E  
**Compilation Scale** : 1 : 12 000  
**Date Released** : 15<sup>th</sup> June 2017  
**Description** : This new edition includes updates covering north of Pulau Ponggol Barat and west of Pulau Ubin.

The existing cell of the same name released on 16<sup>th</sup> June 2016 will be superseded.

## II NEW CHARTS AND PUBLICATIONS

### RELEASE OF NEW EDITION SINGAPORE ELECTRONIC NAVIGATIONAL CHARTS (ENC) ON 17<sup>TH</sup> JULY 2017

1. A new edition of the Singapore ENC covering Singapore waters and its approaches will be released on 17<sup>th</sup> July 2017. The new edition Singapore ENC will supersede the earlier edition.
2. The 16 ENC cells and their respective coverage are as follows:

Cell Name	Coverage
SG5C4030	West Jurong Anchorages and Temasek Fairway
SG5C4031	Western Approaches to Jurong Island
SG5C4032	Sinki Fairway
SG5C4033	Tuas Bay, West Jurong Channel and Pesek Basin
SG5C4034	East Jurong Channel, Pasir Panjang Terminal and West Keppel Fairway
SG5C4035	Western Anchorages, Jong Fairway and Cruise Bay
SG5C4036	Raffles Lighthouse to The Sisters
SG5C4037	Keppel Harbour, Tanjong Pagar Terminal and Approaches
SG5C4038	Johor Strait - Western Part
SG5C4039	Western Approaches to the Main Strait
SG5C4041	Pulau Sebarok to Changi
SG5C4043	Kuala Johor
SG5C4044	Johor Strait - Eastern Part
SG54044A	Serangoon Harbour
SG54044B	Pelabuhan Johor (Johor Port)
SG54044C	Sembawang







3. The new edition Singapore ENC can be purchase from any of our Singapore ENC distributors.

Information on our Singapore ENC distributors can be found from the following link:

<http://www.mpa.gov.sg/web/portal/home/port-of-singapore/port-operations/charts-tidal-information-aids-to-navigation-hydrography/nautical-charts/singapore-electronic-navigational-chart-enc>






## II

## NOTICES TO MARINERS AND CHART CORRECTIONS

<b>GSP1/SP1</b>	2 Ed 1/03/17 Last NM 38/2017	(Maritime and Port Authority of Singapore)	<b>NM 43/2017</b>
<b>Delete</b>	 $1^{\circ} 27' 15''\text{N}$	$103^{\circ} 46' 49''\text{E}$	
		(Maritime and Port Authority of Singapore)	<b>NM 44/2017</b>
<b>Delete</b>	 $Q(9)15s$ , West Tuas	$1^{\circ} 15' 00''\text{N}$	$103^{\circ} 36' 29''\text{E}$
		(British Admiralty Notice No. 20/2210/17)	<b>NM 45/2017</b>
<b>Amend</b>	range of light to, <b>4M</b>	$1^{\circ} 09' 02''\text{N}$	$103^{\circ} 54' 40''\text{E}$
		(Maritime and Port Authority of Singapore)	<b>NM 46/2017</b>
	<i>Note: Former Notice 33(T)/2017 is cancelled</i>		
<b>Replace</b>	 Fl.G.5s8m5M Outer Shoal with		
	 <b>Fl.G.5s8m5M Outer Shoal</b>	$1^{\circ} 15' 02''\text{N}$	$103^{\circ} 51' 81''\text{E}$
		(Maritime and Port Authority of Singapore)	<b>NM 47/2017</b>
<b>Insert</b>	 <b>Fl.Y.10s DHI-TWC</b>	$1^{\circ} 17' 61''\text{N}$	$103^{\circ} 36' 93''\text{E}$
<hr/>			
<b>200</b>	4 Ed 1/09/15 Last NM 39/2017	(Royal Malaysian Navy Notice No. 3/68/17)	<b>NM 48/2017</b>
<b>Insert</b>	depth, $18$ enclosed by 2m contour	$3^{\circ} 06' 56''\text{N}$	$101^{\circ} 01' 08''\text{E}$
<hr/>			
<b>500</b>	7 Ed 26/09/13 Last NM 37/2017	(Maritime and Port Authority of Singapore)	<b>NM 44/2017</b>
<b>Delete</b>	 $Q(9)15s$	$1^{\circ} 15' 00''\text{N}$	$103^{\circ} 36' 29''\text{E}$
		(Maritime and Port Authority of Singapore)	<b>NM 49/2017</b>
<b>Insert</b>	depth, $14$	(a) $1^{\circ} 11' 35''\text{N}$	$103^{\circ} 40' 49''\text{E}$
<b>Delete</b>	depth, $15$ close NW of	(a) above	
<hr/>			

## II

## NOTICES TO MARINERS AND CHART CORRECTIONS

<b>501</b>	7 Ed 1/09/15 Last NM 37/2017	(Maritime and Port Authority of Singapore)	<b>NM 44/2017</b>
<b>Delete</b>	 Q(9)15s, West Tuas	1° 15·00'N 103° 36·29'E	
		(British Admiralty Notice No. 20/2210/17)	<b>NM 45/2017</b>
<b>Amend</b>	range of light to, <b>4M</b>	1° 09·02'N 103° 54·40'E	
		(Maritime and Port Authority of Singapore)	<b>NM 46/2017</b>
	<i>Note: Former Notice 33(T)/2017 is cancelled</i>		
<b>Replace</b>	 Fl.G.5s8m5M Outer Shoal and associated Automatic Identification System, AIS, with  <b>Fl.G.5s8m5M Outer Shoal</b>	1° 15·02'N 103° 51·81'E	
<hr/>			
		(Maritime and Port Authority of Singapore)	<b>NM 49/2017</b>
<b>Insert</b>	depth, <i>14</i>	(a) 1° 11·35'N 103° 40·49'E	
<b>Delete</b>	depth, <i>15</i> close NW of	(a) above	
<hr/>			
<b>502</b>	7 Ed 1/09/15 Last NM 20/2017	(British Admiralty Notice No. 20/2210/17)	<b>NM 45/2017</b>
<b>Amend</b>	range of light to, <b>4M</b>	1° 09·02'N 103° 54·40'E	
		(Maritime and Port Authority of Singapore)	<b>NM 46/2017</b>
	<i>Note: Former Notice 33(T)/2017 is cancelled</i>		
<b>Replace</b>	 Fl.G.5s8m5M Outer Shoal and associated Automatic Identification System, AIS, with  <b>Fl.G.5s8m5M Outer Shoal</b>	1° 15·02'N 103° 51·81'E	
<hr/>			

## II

## TEMPORARY AND PRELIMINARY NOTICES

\*(NM 50T/2017)

## OUTER SHOAL BEACON RE-ESTABLISHED

- Description :**
1. Outer Shoal Beacon with light characteristics Fl.G.5s8m5M has been re-established at position Latitude 1°15'015"N Longitude 103°51'808'E.
  2. The temporary green conical buoy at position Latitude 1°15'015"N Longitude 103°51'770'E has been removed.

**Charts Affected :** Singaporean GSP1/SP1, 501, 502, Dual Badged BA4037, BA4040 and BA4041

Source : Maritime and Port Authority of Singapore

*Note:* Former notice 33T/2017 is cancelled.

## II

**TEMPORARY AND PRELIMINARY NOTICES**

(NM 51T/2017)

**SINGAPORE STRAIT (OFF ST. JOHN'S ISLAND/PULAU SAMBU AND OFF CHANGI/PULAU BATAM) - OPERATIONS FOR SUNKEN VESSEL THORCO CLOUD'**

- Description** : A temporary exclusion zone for operations on the sunken vessel 'Thorco Cloud' has been established in the precautionary area (off St. John's Island/Pulau Sambu) and in the east-bound traffic lane of the Traffic Separation Scheme (off Changi/Pulau Batam) in the Singapore Strait (STRAITREP Sector 8).
- Work vessel** : 'SURF ALLAMANDA'
- Call Sign** : YBKL2
- Planned Dates of Operation** : With effect from 8th March 2017 until further notice.

1. The 400m-wide temporary exclusion zone has been marked by the following buoys:

Buoy Name	Type	Light Characteristic	Latitude (N)	Longitude (E)
TC - 1	West Cardinal	VQ(9)10s	1° 12·258'	103° 53·919'
TC - 2	North Cardinal	VQ	1° 12·488'	103° 54·100'
TC - 3	North Cardinal	VQ	1° 13·051'	103° 55·042'
TC - 4	South Cardinal	VQ(6) + LFI.10s	1° 12·270'	103° 54·156'
TC - 5	South Cardinal	VQ(6) + LFI.10s	1° 12·801'	103° 55·040'

2. Charts affected: Singaporean SP1/GSP1, 501, 502 and Dual Badged BA4041
3. Mariners are advised to navigate with caution and give a wide berth.
4. Navigational warning broadcast will be promulgated by Singapore VTIS on VHF CH 09 and NAVTEX. Mariners are to maintain a listening watch.

Source : Solis Marine Consultants Pte Ltd

Note: Former notice 26P/2017 is cancelled.

## II

**TEMPORARY AND PRELIMINARY NOTICES**

(NM 52P/2017)

**TATA INDICOM INDIA-SINGAPORE CABLE SYSTEM (TIISCS) SEGMENT 1 -  
CABLE REPAIR OPERATIONS**

- Description** : Submarine cable repair operations for the TIISCS cable shall be executed south of the east-bound lane of the Routeing System in the Singapore Strait (Main Strait). (STRAITREP Sector 7).
- Work Vessel and Call Sign** : **CB NUSANTARA 1 (YBLJ2)/CB NUSANTARA EXPLORER (YBHR2)**
- Planned dates of Operation** : With effect from 1<sup>st</sup> June 2017 until 30<sup>th</sup> June 2017. The operations are conducted on a 24 hour basis

1. The designated working area is:

Position	Co-ordinates (WGS84)	
	Latitude (N)	Longitude (E)
A	01°06-815'	103°31-578'
B	01°03-850'	103°36-402'
C	01°02-892'	103°35-797'
D	01°05-810'	103°30-971'

2. Charts Affected: Singaporean 202, 500, 501 and Dual Badged BA4039.
3. Mariners are advised to navigate with caution and give a wide berth.
4. Navigational warning broadcast will be promulgated by Singapore VTIS on VHF CH 73 and NAVTEX. Mariners are to maintain a listening watch.

Source : Monson Agencies Pte Ltd

*Note:* Former notice 32P/2017 is cancelled.



## II

## TEMPORARY AND PRELIMINARY NOTICES

(NM 53P/2017)

**ASIA PACIFIC CABLE NETWORK 2 (APCN2) SEGMENT 1 - CABLE REPAIR OPERATIONS**

- Description** : Submarine cable repair operations for the APCN2 cable shall be executed In the Traffic Separation Scheme of the Singapore Strait (off Tanjung Setapa/Pulau Bintan). (STRAITREP Sector 9).
- Work Vessel and Call Sign** : **CS ASEAN RESTORER (9VFU)**
- Planned dates of Operation** : With effect from 3<sup>rd</sup> June 2017 until 11<sup>th</sup> June 2017. The operations are conducted on a 24 hour basis

1. The co-ordinates of the cable fault is located below:

Position	Co-ordinates (WGS84)	
	Latitude (N)	Longitude (E)
1	01°18.115'	104°13.814'

2. Charts Affected: Singaporean 202, 502, 503 and Dual Badged BA4042.
3. Mariners are advised to navigate with caution and give a wide berth.
4. Navigational warning broadcast will be promulgated by Singapore VTIS on VHF CH 10 and NAVTEX. Mariners are to maintain a listening watch.

Source : Asean Cables Pte Ltd

## II

**TEMPORARY AND PRELIMINARY NOTICES****(NM 54P/2017)****THAILAND - INDONESIA - SINGAPORE CABLE NETWORK (TIS) SEGMENT 1 -  
CABLE REPAIR OPERATIONS**

- Description** : Submarine cable repair operations for the TIS cable shall be executed  
In the Traffic Separation Scheme at Horsburgh Lighthouse Area.  
(STRAITREP Sector 9).
- Work Vessel and  
Call Sign** : **CS ASEAN RESTORER (9VFU)**
- Planned dates of  
Operation** : With effect from 11<sup>th</sup> June 2017 until 19<sup>th</sup> June 2017. The operations are conducted  
on a 24 hour basis

1. The co-ordinates of the cable fault is located below:

Position	Co-ordinates (WGS84)	
	Latitude (N)	Longitude (E)
1	01°20'218'	104°20'488'

2. Charts Affected: Singaporean 202 and 503
3. Mariners are advised to navigate with caution and give a wide berth.
4. Navigational warning broadcast will be promulgated by Singapore VTIS on VHF CH 10 and NAVTEX. Mariners are to maintain a listening watch.

Source : Asean Cables Pte Ltd

### III NAVIGATIONAL INFORMATION

\*(NM 55/2017)

**SINGAPORE PORT MARINE NOTICES/CIRCULARS**

The Port Marine Notices/Circulars shortlisted below would be of particular interest to Mariners. Details and complete list of Port Marine Notices/Circulars are available at this link:

<http://www.mpa.gov.sg/web/portal/home/port-of-singapore/circulars-and-notices>

**PMN No.****Subject**

61/2017	Reclamation work at Tuas View, off Temasek Fairway
62/2017	Mooring and unmooring of vessels at Tuas Finger One project area
66/2017	Seawall opening and submarine cable diversion works in Ayer Merbau Basin and Selat Pandan
70/2017	Maintenance of landing pontoons at Changi Point Ferry Terminal
73/2017	Dredging works in Temasek Fairway
74/2017	Works at Tuas Terminal Phase 1

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\*Source: Maritime and Port Authority of Singapore

### III

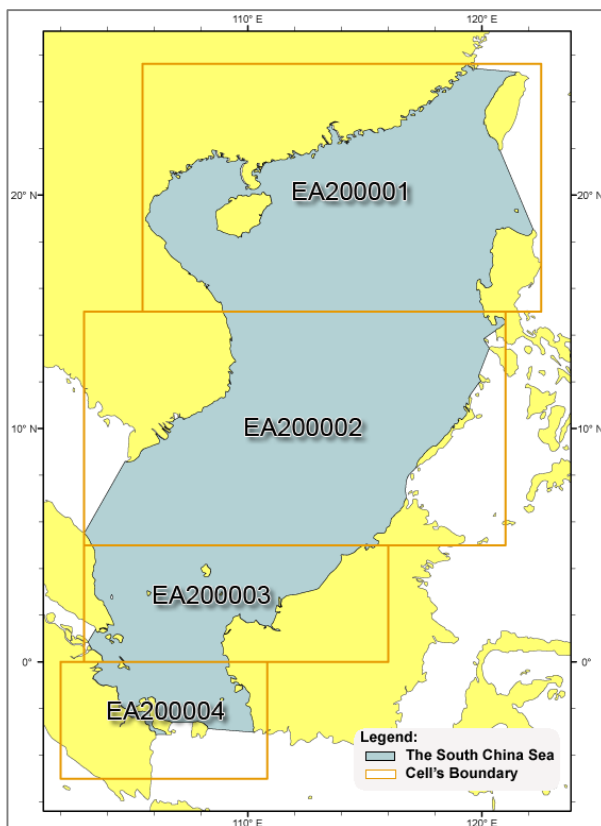
## NAVIGATIONAL INFORMATION

### NOTICE OF TEMPORARY SUSPENSION OF THE SOUTH CHINA SEA ELECTRONIC NAVIGATIONAL CHART

The East Asia Hydrographic Commission (EAHC) wishes to announce the immediate temporary suspension of the 2<sup>nd</sup> Edition South China Sea Electronic Navigational Chart (SCS ENC) due to the numerous and pending updates. The 2<sup>nd</sup> Edition SCS ENC comprising the following ENC cells are affected:

- a) EA200001
- b) EA200002
- c) EA200003
- d) EA200004

Once the SCS ENC cells have been updated, a new edition SCS ENC will be released. The EAHC remains committed to users' needs and navigational safety and will release the new edition SCS ENC at the earliest opportunity.



### III AMENDMENTS TO PUBLICATIONS

\*(NM 56/2017) UPDATING OF PUBLICATION “SINGAPORE PORT INFORMATION 2016/2017”

#### CHARACTERISTICS OF AIDS TO NAVIGATION

1. Page 133

#### TUAS VIEW EXTENSION

Insert the following:

Name Of Beacon/ Buoy	Position Lat. N Long. E	Structure, Colour & Shape	Light Characteristic	Owner
DHI-TWC Buoy	01°17.606' 103°36.930'	Yellow pillar with 'X' topmark	Fl.Y.10s	DHI Water and Environment

Amend the following:

Name Of Beacon/ Buoy	Position Lat. N Long. E	Structure, Colour & Shape	Light Characteristic	Owner
HSPBV-MB1 Buoy	01°15.570' 103°37.895'	Yellow drum	Fl.Y.2s	HSPBV Joint Venture
HSPBV-MB1A Buoy	01°15.570' 103°38.068'	Yellow drum	Fl.Y.2s	HSPBV Joint Venture
HSPBV-MB2 Buoy	01°15.570' 103°38.181'	Yellow drum	Fl.Y.3s	HSPBV Joint Venture
HSPBV-MB2A Buoy	01°15.570' 103°38.353'	Yellow drum	Fl.Y.3s	HSPBV Joint Venture
HSPBV-MB3 Buoy	01°15.570' 103°38.467'	Yellow drum	Fl.Y.5s	HSPBV Joint Venture
HSPBV-MB3A Buoy	01°15.570' 103°38.639'	Yellow drum	Fl.Y.5s	HSPBV Joint Venture

2. Page 134

#### TUAS VIEW EXTENSION

Delete the following:

Name Of Beacon/ Buoy	Position Lat. N Long. E	Structure, Colour & Shape	Light Characteristic	Owner
West Tuas Buoy	01°15.000' 103°36.288'	Double black cones topmark point to point on yellow black yellow pillar	Q(9)W.15s	Hyundai - Van Oord Ballast Nedam JV

### III AMENDMENTS TO PUBLICATIONS

#### CHARACTERISTICS OF AIDS TO NAVIGATION

3. Page 148

#### EAST KEPPEL FAIRWAY

**Amend** the following:

Name Of Beacon/ Buoy	Position Lat. N Long. E	Structure, Colour & Shape	Light Characteristic	Owner
Outer Shoal Beacon	01°15·015' 103°51·808'	Green cone on green tabular tower pivoted at base, Buoyant beacon	Fl.G.5s8m5M	MPA

4. Page 155

#### EAST JOHOR STRAIT

**Delete** the following:

Name Of Beacon/ Buoy	Position Lat. N Long. E	Structure, Colour & Shape	Light Characteristic	Owner
Woodlands Buoy	01°27·152' 103°46·488'	Red pillar	Unlit	MPA

#### WHARVES AND BERTHS

5. Page 162

#### 3 JURONG ISLAND - TEMASEK FAIRWAY (JURONG AROMATICS CORPORATION) (1°15·6'N, 103°39·5'E)

**Amend** the following:

Berth	Length of Berth Box	Depth Alongside (Year Surveyed)	Controlling Depth In Approaches
1	320m	16.7m (2017)	15.3m
2	242m	17.0m (2017)	15.3m
3	190m	17.0m (2017)	15.3m

### III AMENDMENTS TO PUBLICATIONS

#### WHARVES AND BERTHS

6. Page 169

**26 JURONG TERMINAL (PULAU DAMAR LAUT)(JURONG PORT PTE LTD)**  
**(1°18·1'N, 103°42·9'E)**

**Amend** the following:

Berth	Length of Berth Box	Max LOA	Depth Alongside (Year Surveyed)	Controlling Depth In Approaches
J13	150m	130m	10.5m (2017)	12.1m

7. Page 172

**Delete** the following:

**39 WOODLANDS (SHELL EASTERN PETROLEUM PTE LTD)(1°27·2'N, 103°46·5'E)**

Berth	Length of Berth Box	Depth Alongside (Year Surveyed)	Controlling Depth In Approaches
Woodlands Oil Pier	175m	7.3m (2015)	7.7m

#### DOCKS AND REPAIR BERTHS

8. Page 185

**1 TUAS- SEMBCORP MARINE TUAS SHIPYARD (1°15·1'N, 103°36·6'E)**

**Amend** the following:

Berth	Length of Berth Box	Depth Alongside (Year Surveyed)	Controlling Depth In Approaches
YST 01	146m	12.0m (2013)	15.0m
YST 02	375m	9.0m (2013)	15.0m
YST 06	0-83m 83-343m	9.1m (2013) 15.0m (2013)	15.0m 15.0m
YST 07	0-43m 43-303m	9.0m (2013) 15.0m (2013)	15.0m 15.0m
YST 08	0-43m 43-305m	9.0m (2013) 15.0m (2013)	15.0m 15.0m
YST 09	0-43m 43-305m	9.1m (2013) 15.0m (2013)	15.0m 15.0m
YST 10	0-43m 43-302m	9.0m (2013) 15.0m (2013)	15.0m 15.0m

\*Source: Maritime and Port Authority of Singapore

## IV

## REPRINT OF MARITIME SAFETY INFORMATION

The following Radio Navigational Warnings have been shortlisted, as they would be of particular interest to mariners.

TT175

VESSELS IN EAST JOHOR STRAIT ARE ADVISED TO NAVIGATE WITH PARTICULAR ALERTNESS AND CAUTION WHEN NEAR PROJECT AREAS OFF PULAU TEKONG, CHANGI AND MALANG PAPAN AS SHALLOW WATER AREA EXIST. VESSELS ARE REMINDED TO PROCEED AT SAFE SPEED AND MAINTAIN A PROPER LOOKOUT, PARTICULARLY FOR TUGS AND BARGES NAVIGATING NEAR THE PROJECT AREAS AND PASSENGER FERRIES CROSSING BETWEEN CHANGI AND PULAU TEKONG AND VICINITY OF PASIR GUDANG.

TT363

MARINERS ARE REMINDED NOT TO ANCHOR IN ALL AREAS IN THE TSS OF THE STRAITS OF MALACCA AND SINGAPORE AS WELL AS BETWEEN THE LANDWARD LIMITS OF THE TSS AND APPROACHES TO THE PORTS. VESSELS ENTERING ANY PORT IN ANY LITTORAL STATES ARE TO ANCHOR IN THE ANCHORAGES DESIGNATED BY THE RESPECTIVE LITTORAL STATES ONLY.

TT389

NIPAH NORTH CARDINAL BEACON AT LAT 1°10'40"N LONG 103°39'74"E IS REPORTED UNLIT. ALL VESSELS ARE ADVISED TO NAVIGATE WITH CAUTION.

TT390

BATU BERHANTI ISOLATED DANGER BUOY IN POSITION LAT 1°11'790"N LONG 103°52'474"E IS REPORTED UNLIT.

TT392 (AMENDED 21 MAR 2017 0330Z)

A TUG BOAT 'HARITA BERLIAN 18' SANK AT POSITION 1°17'00"N 104°10'00"E. MARINERS ARE ADVISED TO NAVIGATE WITH CAUTION WHEN IN THE VICINITY.

TT399

VESSELS ARRIVING TO SINGAPORE OR TRANSITING THROUGH THE STRAIT ARE RECOMMENDED TO UPDATE THEIR DESTINATION ACCURATELY IN THE AIS TO ENHANCE SITUATION AWARENESS FOR OTHER TRAFFIC IN THE VICINITY, EXAMPLE TO INDICATE SG-PEBGB.

TT410 (AMENDED 24 MAY 2017 0020UTC)

CB 'NUSANTARA 1' WILL BE CARRYING OUT SUBMARINE CABLE REPAIR OPS FROM 28 APR 2017 TO 05 JUN 2017 AT SOUTH AND OUTSIDE TSS EASTBOUND LANE NEAR NIPA, AT COORDINATES:

A 1°06'10"N 103°31'79"E

B 1°03'24"N 103°36'68"E

C 1°02'58"N 103°36'27"E

D 1°05'50"N 103°31'44"E

VESSELS ARE ADVISED TO KEEP A LOOKOUT AND KEEP WELL CLEAR OF CB 'NUSANTARA 1'.

TT412

SAFE WATER MARK BUOY LFI.10S AT 1°03'03"N 103°39'00"E IS REPORTED UNLIT.

TT415

SUPPLY VESSEL 'EMERALD SEA12 (SC4548B), GT 33MT, LOA 15M, LAST SEEN AT POSITION LAT 1°17'63"N LONG 104°04'92"E, GRID REF 0417B, ON 26 MAY 2017 IS REPORTED MISSING. VESSELS PASSING THE VICINITY ARE REQUESTED TO KEEP A SHARP LOOKOUT AND REPORT ANY SIGHTING TO SINGAPORE VTIS VIA VHF 10/VHF 12 OR SPOCC VIA TEL +65 6226 5539 OR EMAIL POCC@MPA.GOV.SG.

SR123

SEA ROBBERIES ARE REPORTED IN THE SINGAPORE STRAIT. ALL VESSELS ARE REMINDED TO MAINTAIN A PROPER LOOK-OUT AND REPORT ANY SUSPICIOUS CRAFT TO VTIS SINGAPORE

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ISSUED BY SINGAPORE PORT OPERATIONS CONTROL CENTRE (as at 28<sup>th</sup> May 2017)



**V**  
**EXTRACT OF ADMIRALTY NOTICES TO MARINERS**  
**FOR DUAL-BADGED CHARTS**

These notices can also be accessed directly from UKHO Website:

<https://www.admiralty.co.uk/maritime-safety-information/admiralty-notices-to-mariners>

**2105 SINGAPORE - Approaches to Keppel Harbour - Pulau Sakijang Pelepah (Lazarus Island) - Buoy.**

Source: Maritime and Port Authority of Singapore

**Chart 4037** [previous update New Edition 06/04/17] WGS84 DATUM

Insert	 <b>Fl.Y.4s NUS-SJI</b>	1°13·020'N	103°51·400'E
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**2117 SINGAPORE - Port of Singapore - Note.**

Source: Maritime and Port Authority of Singapore

**Chart 4030** [previous update New Edition 02/03/17] WGS84 DATUM

Insert	the accompanying note, SINGAPORE NOTICES TO MARINERS, centred on:	1°16·713'N	103°37·799'E
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**Chart 4031** [previous update New Edition 02/03/17] WGS84 DATUM

Insert	the accompanying note, SINGAPORE NOTICES TO MARINERS, centred on:	1°14·520'N	103°40·274'E
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**Chart 4032** [previous update New Edition 04/08/16] WGS84 DATUM

Insert	the accompanying note, SINGAPORE NOTICES TO MARINERS, centred on:	1°14·100'N	103°40·584'E
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**Chart 4033** [previous update 1093/17] WGS84 DATUM

Insert	the accompanying note, SINGAPORE NOTICES TO MARINERS, centred on:	1°18·898'N	103°42·000'E
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**Chart 4034** [previous update 1516/17] WGS84 DATUM

Insert	the accompanying note, SINGAPORE NOTICES TO MARINERS, centred on:	1°17·923'N	103°46·708'E
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**2152(T) SINGAPORE STRAIT - TSS Singapore Strait (off Changi/Pulau Batam) - Buoy.**

Source: Indonesian Notice 21/264(T)/15 and UKHO

1. The special purpose light-buoy, Fl.Y.3s in position 1°13·33'N 103°59·40'E is reported missing. (WGS84 DATUM)

**Charts affected - 3831 - 3833 - 4041**

## V

# EXTRACT OF ADMIRALTY NOTICES TO MARINERS FOR DUAL-BADGED CHARTS

## 2147(P) MALAYSIA - Peninsular Malaysia, East Coast - Singapore Island E to Sungai Johor - Buoyage. Depths. Drying heights.

Source: Malaysian Charts 6130 and 6134

1. Numerous depths less than charted exist in the approaches to Johor. The most significant depths are as follows:

<i>Depth</i>	<i>Position</i>
9.3m	1°31·93'N 104°01·47'E
4.6m	1°29·37'N 104°01·51'E
9.2m	1°26·42'N 104°00·69'E
7.6m	1°26·49'N 104°00·89'E
6.1m	1°26·80'N 104°01·13'E
5.7m	1°27·20'N 104°01·03'E
6.2m	1°27·31'N 104°01·15'E
5.8m	1°27·53'N 104°01·04'E
8.4m	1°25·69'N 104°00·38'E
7.8m	1°25·74'N 104°00·59'E
6.4m	1°25·78'N 104°00·72'E
6.7m	1°26·06'N 104°00·61'E
8.1m	1°26·07'N 104°00·81'E
9.5m	1°26·14'N 104°04·15'E
14.1m	1°20·60'N 104°05·46'E
13.8m	1°20·29'N 104°05·79'E
12.4m	1°20·22'N 104°06·03'E
<i>Drying height</i>	
0.1m	1°24·77'N 104°05·79'E
3.5m	1°21·28'N 104°05·16'E

2. The buoyage in the approaches to Johor has been changed. The following buoys have been established:

<i>Designation</i>	<i>Type</i>	<i>Characteristics</i>	<i>Position</i>
	Safe water	<i>LFl. 10s</i>	1°25·38'N 104°00·05'E
	Port-hand lateral	<i>Fl(2)R. 5s</i>	1°26·66'N 104°02·79'E
<i>No 1</i>	Special mark		1°26·95'N 104°01·25'E
<i>No 2</i>	Special mark		1°28·18'N 104°01·20'E
<i>No 3</i>	Special mark		1°28·93'N 104°00·95'E
<i>No 4</i>	Special mark		1°29·67'N 104°00·95'E
<i>No 5</i>	Special mark		1°30·36'N 104°00·96'E
<i>No 6</i>	Special mark		1°30·51'N 104°01·17'E
<i>No 6A</i>	Special mark		1°29·71'N 104°01·30'E
<i>No 7</i>	Special mark		1°30·62'N 104°00·88'E

3. The following buoys have been removed:

<i>Designation</i>	<i>Type</i>	<i>Characteristics</i>	<i>Position</i>
<i>TKPK</i>	South Cardinal	<i>Q(6)+LFl. 15s</i>	1°25·39'N 103°59·98'E
<i>TL2</i>	Port-hand lateral	<i>Fl.R. 3s</i>	1°25·95'N 104°00·42'E

4. These and other changes will be included in the next New Edition of Chart 3831, and in the New Edition of Charts 4042, 4043 and 4044 to be published 15 June 2017.  
(WGS84 DATUM)

**Charts affected - 3831 - 4042 - 4043 - 4044**

## V

## EXTRACT OF ADMIRALTY NOTICES TO MARINERS FOR DUAL-BADGED CHARTS

### 2336(P) SINGAPORE - Port Approach Guide Singapore Southern Fairway to Changi - Note.

Source: Maritime and Port Authority of Singapore

1. Updated Section: ANCHORAGES Text Box.

Replace:

**Eastern Bunkering C Anchorage (AEBC):**

· Centred on 1°16'40"N 103°56'90"E. For vessels of 20 000 GT and above taking bunkers under the Special Bunkering Anchorage Scheme, except for LPG vessels, LNG vessels, chemical tankers, oil rigs and drill ships. Depths from 23 to 49m.

With:

**Eastern Bunkering C Anchorage (AEBC):**

· Centred on 1°16'40"N 103°56'90"E. For vessels of 20 000 GT and above taking bunkers under the Special Bunkering Anchorage Scheme, except for LPG vessels, LNG vessels, chemical tankers, oil rigs and drill ships. Depths from 21 to 49m.

**Chart affected - 8177**

### 2381(P) SINGAPORE - Port Approach Guide Singapore Sinki Fairway to Southern Fairway - Note.

Source: Maritime and Port Authority of Singapore

1. Updated Section: ANCHORAGES Text Box.

Replace:

· **Raffles Petroleum Anchorage (ARP):**

· Centred on 1°11'85"N 103°44'55"E. For port limit tankers waiting to service vessels at the anchorages in the Jurong Sector, waiting for a berth in the W Jurong Channel and Pesek Basin, or as directed by the Port Master. Depths from 11.5 to 24.1m.

· **Raffles Reserved Anchorage (ARAFR):**

· Centred on 1°11'40"N 103°44'90"E. For LASH ship operations, vessels requiring emergency repairs, damaged vessels and FPSO vessels and other vessels as directed by the Port Master. Depths from 11.2 to 28.4m.

With:

· **Raffles Petroleum Anchorage (ARP):**

· Centred on 1°11'85"N 103°44'55"E. For port limit tankers waiting to service vessels at the anchorages in the Jurong Sector, waiting for a berth in the W Jurong Channel and Pesek Basin, or as directed by the Port Master. Depths from 11.1 to 24.1m.

· **Raffles Reserved Anchorage (ARAFR):**

· Centred on 1°11'40"N 103°44'90"E. For LASH ship operations, vessels requiring emergency repairs, damaged vessels and FPSO vessels and other vessels as directed by the Port Master. Depths from 11.6 to 28.4m.

**Chart affected: 8176**

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Updated to Admiralty Notices to Mariners No. 21 of 2017 dated 25<sup>th</sup> May 2017

*To accompany Notice to Mariners 2117/17*

*On Chart 4030*

SINGAPORE NOTICES TO MARINERS  
The Maritime and Port Authority of Singapore publish Singapore Notices to Mariners , Port Marine Notices and Port Marine Circulars which may affect the area covered by this chart. They are available at [www.mpa.gov.sg](http://www.mpa.gov.sg)

*To accompany Notice to Mariners 2117/17*

*On Chart 4031*

SINGAPORE NOTICES TO MARINERS  
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*To accompany Notice to Mariners 2117/17*

*On Chart 4032*

SINGAPORE NOTICES TO MARINERS  
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*To accompany Notice to Mariners 2117/17*

*On Chart 4033*

SINGAPORE NOTICES TO MARINERS  
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*To accompany Notice to Mariners 2117/17*

*On Chart 4034*

SINGAPORE NOTICES TO MARINERS  
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## **HYDROGRAPHIC NOTE - Instructions**

1. Mariners are requested to notify the Chief Hydrographer, Maritime and Port Authority of Singapore, when new or suspected dangers to navigation are discovered, changes are observed in aids to navigation or where corrections to nautical publications may be necessary. Reports, which cannot be confirmed or are lacking in certain details should not be withheld.
2. Any ambiguities of time, positioning and depth should be stressed and any firm expectation of being able to check the information provided on a following voyage should be mentioned.
3. Mariners using satellite position fixing systems, eg. GPS, should provide details of equipment and datum used (where applicable). Where bearings (true or magnetic) are taken visually or by radar to fix a position, it should include more than two objects in order to provide a check on its accuracy. A position may also be defined by bearing and distance from a conspicuous object eg. beacon, lighthouse etc.
4. The note should include a tracing or a digital image of the chart used and the details should be clearly marked.
5. Echo sounders frequently register greater depths than the advertised maximum depth for the equipment, eg. a trace appearing at 50 metres may be in fact be 550 metres or even 1050 metres for equipment whose maximum depth is 500 metres. Erroneous depths caused by 2nd transmission error can usually be recognised by the following:
  - (a) the tracing being weaker than normal for the depth registered,
  - (b) the trace appearing to pass through the transmission line,
  - (c) the feathery nature of the trace.
6. Upon receipt of a hydrographic note, a Notice to Mariners may be issued. The sender's vessel or name is quoted as the source unless the same information is also received in foreign Notices to Mariners.
7. Reports of shoals, uncharted dangers and defects in aids to navigation may also be made to the appropriate Singapore Port Operations Control Centre on VHF Channels 10, 12, 14, 68 or 73.

## HYDROGRAPHIC NOTE

To:

Chief Hydrographer  
Maritime and Port Authority of Singapore  
7B Keppel Road #20-00 Tanjong Pagar Complex  
Singapore 089055

Tel : (65) 6325 2027  
Fax : (65) 6226 1076  
Email : [hydrographic@mpa.gov.sg](mailto:hydrographic@mpa.gov.sg)

### **Sender's Contact Details** :

Date : .....

Name of Vessel : .....

Address of Sender : .....

Tel : ..... Fax : .....

Email : .....

### **Nature of Observation** :

General Location : .....

Subject : .....

Position : Lat. .... Long. ....

Charts Used : .....

Date & Time of Observation : .....

Details :  
.....  
.....  
.....

Attachment : .....

### **Equipment Used** :

Type of Position Fixing : ..... GPS / DGPS ..... Others : .....

Type of Echo Sounder : .....

Name and Signature : .....

Ship's/Company's Stamp : .....